

Technical Staff Bureau Management	Conclusions meeting in Hannover, 1981-04-09, on audio sampling rate	UGR 13-81 04 10 1 page 1+ 1981 April 10
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Mr. S. Langer
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Present: Messrs. Burkowitz, Blüthgen, Immelmann, Tendeloo

1. Prime consideration for choice of sampling rate for professional audio recorders is flexibility in application in (future) studio/broadcasting/ audio-video professional applications.
2. Application to presently existing film and (analog)-VTR formats seems not to impose a particular audio-sampling rate requirement. (tentative conclusion).
3. Application to future digital video tape recorders seems to require (or at least favour) certain audio sampling rates, other than 44,1 kHz. (tentative conclusion).
4. A one-time transcoding (be it in the digital domain or via analog) when going to a digital consumer product such as Compact Disc, broadcast signal (satellite, cable) or (video) cassette with digital audio sound, seems acceptable.
5. The minor quality loss of such a transcoding step (sub 4) is considered the lesser evil compared to possible compromises in flexibility in the professional field (sub 1). This conclusion does not eliminate the wish though, that "domestic" audio sampling rates should preferably be identical or at least simply related to the "professional" audio sampling rate.
6. It seems logical for domestic audio hardware companies to aim at identical (or simply related) domestic audio sampling rates for the applications sub 4.

REQUIRED ACTIONS

A. "INTERNAL"

- A-1 Substantiation of conclusions sub 2 and sub 3 is needed. Blüthgen will try to compile necessary info to enable clear insight in relevant factors to Burkowitz, Immelmann and Tendeloo.
- A-2 In a next meeting (before L.A.-AES!) the above info will be discussed to enable formulation of Polygram standpoint on desired professional audio sampling rate.

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Polygram B.V. - Baarn - The Netherlands
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B. "EXTERNAL"

B-1 Tendeloo will contact Philips and "inject" the viewpoints sub 5 and 6 for their (Philips Audio/Video/ELA/PTI and Sony) internal discussions. Background information on points sub 2 and 3 through Blüthgen will be offered.

B-2 Blüthgen shall participate in L.A.-AES digital meetings restricting himself to discussions on the professional audio sampling rate.



Han Tendeloo

cc.: Messrs. Dr. Franz
Burkowitz
Blüthgen
Immelmann

Info: Messrs. Bögels
Sinjou
Kerstens